

REQUEST FOR PURCHASE IN EXCESS OF \$20,000/CHANGE ORDER



To: Mayor and Council

Agenda Item #: IV.C.

From: Patty McGrath
General Manager - Edinborough Park

The Recommended Bid is

☒ Within Budget

☐ Not Within Budget

Date: March 4, 2014

Subject: Emergency Request for Purchase – Premium Efficiency Boiler Lochinvar KBX400, Edinborough Park

Date Bid Opened or Quote Received:
February 19, 2014

Bid or Expiration Date:

Company:
Horwitz NSI
Daikin Applied
Gilbert Mechanical

Amount of Quote or Bid:
\$34,332
\$42,540
Unable to meet urgent timeline

Recommended Quote or Bid:
Horwitz NSI

General Information:

Edinborough Park replaced the existing pool heater in September 2013 after it had met its life expectancy of 6-7 years and had failed. The Lochivar Energy Rite model 402 was replaced by the same model. Since that time, four heat exchangers have failed. Each time there was an operational issue with the heater, we contacted the mechanical contractor that installed it, as we do not do any service or maintenance on this unit ourselves. Initially, the mechanical contractor did not have a definitive explanation for the failures and continued to work with the manufacturer on a solution. We did follow their recommendations to install additional equipment to provide a check/balance system. Ultimately that did not correct the problem. Eventually, the mechanical contractor discovered that the pool heater that was installed in September, and subsequent heat exchangers, required the incoming water temperature to be 140 degrees. Our water temperature was approximately 82 degrees.

The pool temperature is currently 72 degrees which is far below the average temperature of 82. Replacement of the pool heater is essential to the financial turnaround that is in progress at Edinborough Park. It directly impacts several user groups including the Edina Swim Club, Community Education, hotel guests and Edinborough Pool & Track Members. It is crucial that we have a pool heater that is reliable so we meet the needs and expectations of all user groups.

The recommended replacement boiler is a 2014 Lochivar KBX400. This boiler is specifically designed to operate with low return water temperatures associated with pool heating systems. This heater has a closed loop condensing boiler, so the pool water will never come into contact with the boiler itself. The unit will

run at about 95% efficiency. There is a 10 year warranty, and a one year preventative maintenance program. We will also receive a \$2,700 energy rebate.

The immediate response by Horwitz NSI to this urgent situation was outstanding. Their reputation and level of customer service, as well as the warranty they are providing, ensure efficient and consistent operations of the pool heater.